

PLATE XXIII.

Figs. 1, 1a.—*Grammaria stentor* (p. 48).

Fig. 1.—A colony; natural size.

Fig. 1a.—Part of a colony; magnified 10 diameters.

Figs. 2, 2a, 2b.—*Grammaria magellanica* (p. 48).

Fig. 2.—Part of a colony; natural size.

Fig. 2a.—Part of the same; magnified 10 diameters.

Fig. 2b.—Transverse section of a branch; magnified about 20 diameters.

- a. Three hydrothecæ belonging to the same plane seen in section.
- b. Distal extremities of three hydrothecæ belonging to a plane immediately below that of *a*.
- c. Sections of three hydrothecæ which lie in a plane immediately above that of *a*, and which, as the section passes through them nearer to their origin, are still filled with the proximal part of the hydranth.
- d. Section of the axial tube.
- e. Peripheral tubes seen in section.

Figs. 3, 3a, 3b.—*Grammaria insignis* (p. 49).

Fig. 3.—Part of a colony; natural size.

Fig. 3a.—Part of the same; magnified 10 diameters.

Fig. 3b.—Transverse section of a branch; magnified about 20 diameters.

- a. Two opposite hydrothecæ, seen in section.
- b. Distal ends of two hydrothecæ which alternate with *a*, and lie in a plane immediately below that of *a*.
- c. Sections of two hydrothecæ which lie in a plane immediately above that of *a*. As the section passes through them near their origin, the proximal part of the hydranth is still contained in them.
- d. Section of the axial tube.
- e. Peripheral tubes seen in section.